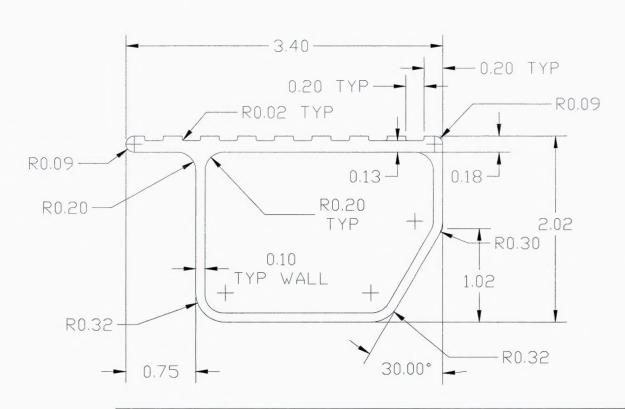
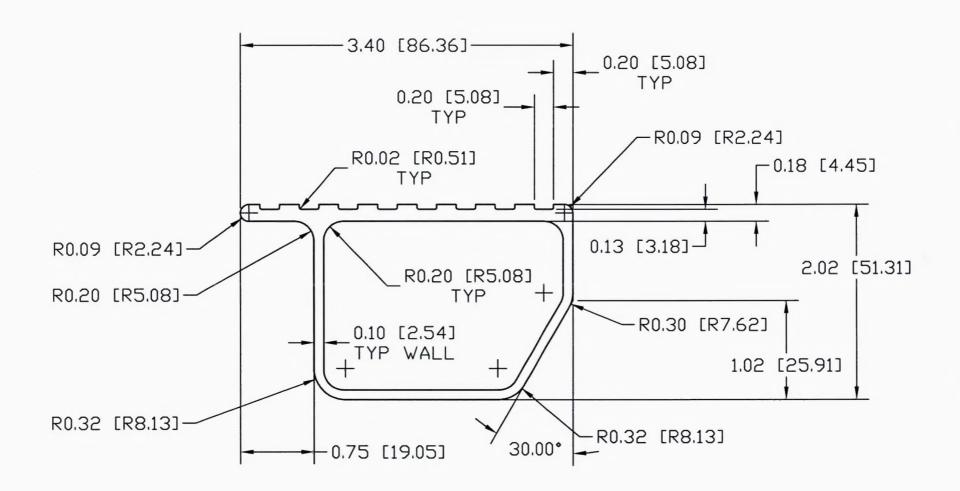
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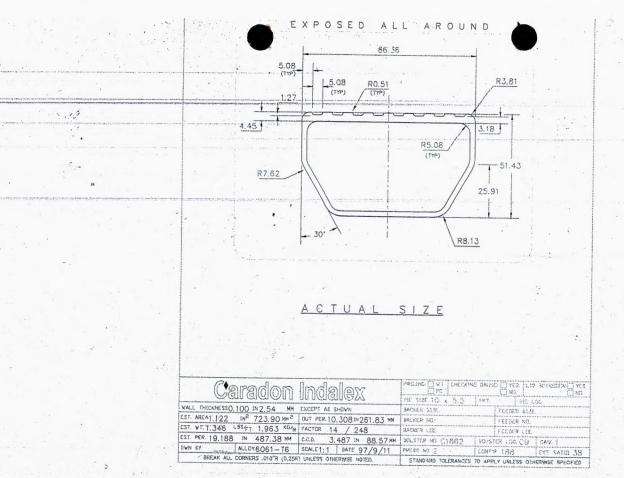


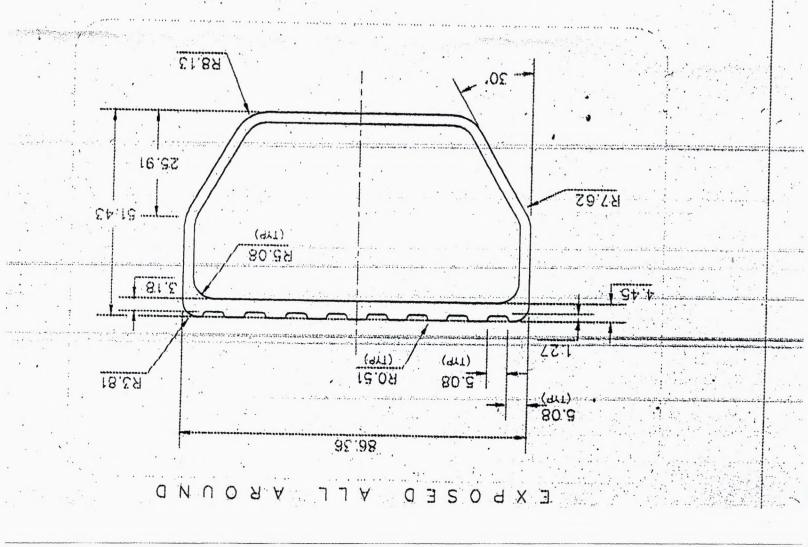
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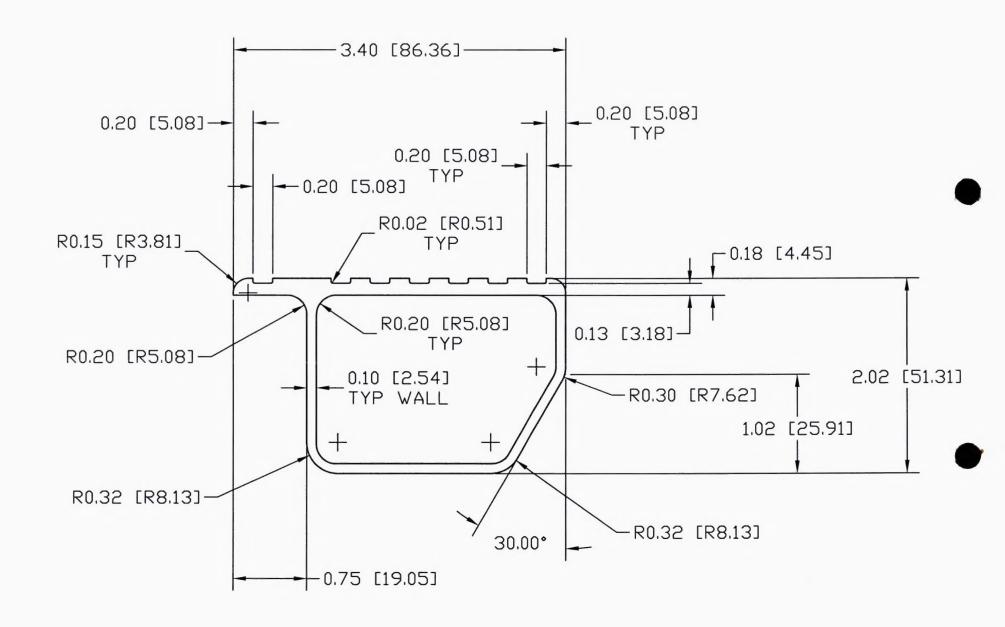
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#### Invoice / Facture



Please Remit to/A Remettre à: P.O. Box 6447 Station Terminal Vancouver, BC

Shipped Date Date d'Expédiée No de Commande 2008/03/25 8021878

Order No Date 2008/03/25

INVOICE NO.

925935 P. 1

p: 1-866-213-2084 f: 1-866-245-2538

#### Aluminum Extrusions - Anodizing - Fabrication - Painting

Sold to / Vendu à

Ship to / Expédié à

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T2E6R7 ALT

Cust Ord No/No Comm Client

Terms / Conditions

05

Packing Slip / Bon de Liv.

650494

Salesrep/Vendeur

Cust No / No de Client

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V6B 6R3

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Net 30 Days Order Date/Date de Com Our Dte/Notre Dte FOB/FAB

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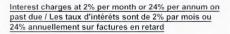
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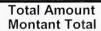
8/02/15

STINGRAY

TPS/GST: R136834041

No Weight	Pieces	Sls Indalex Code Die No	Alloy Temper	Length	Unit Price		in Qty Bd			Amount
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## Heli-Access-Step™

## Bell 206/407/OH-58

#### Step right up, Ladies and Gentlemen!

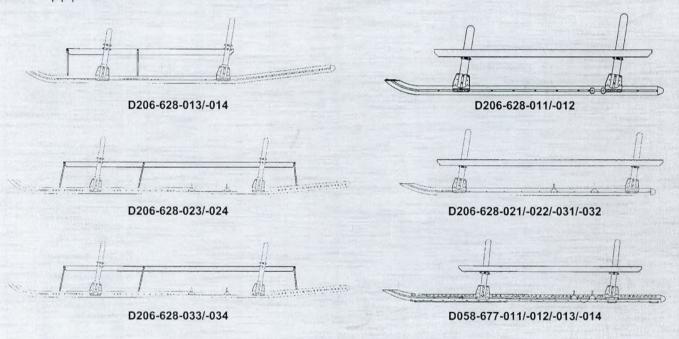
**DART** stepped up to the challenge in designing the *Heli-Access-Step* <sup>™</sup> for Bell, Eurocopter and Agusta aircraft.

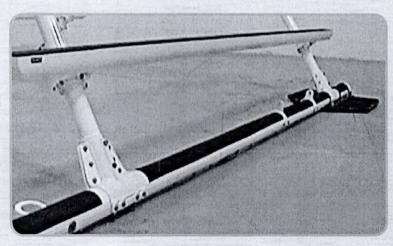
**DART** recognized the industry need for lightweight steps that are strong and functional — steps you can depend on. **DART** steps are now standard equipment on new aircraft. **DART** offers a variety of steps for most types of aircraft.

**DART** steps for the Bell 206, 407 and OH-58 are torsionally stiffer than other steps on the market. There will be no more rolling or rotating with these steps! They install on the crosstubes with a unique duplex clamping system that self-locks when weight is applied to prevent the step from slipping. Not only does the dual clamping system make installation a breeze, it also simplifies removal for inspection. And for even greater versatility, try our quick release pip pin kit.



 Unique, secure clamping system





D206-628-021/-022





# Heli-Access-Step™

## Bell 206/407/OH-58

		Heli-Acce	ess-Step™			
APPROVAL	STC NUMBER	A/C APPROVED	STC DESCRIPTION			
Canada	SH98-14	206A/B/L/L1/L3/L4/407	Heli-Access-Step™			
USA	SA00500SE	206A/B/L/L1/L3/L4/407	°L4/407 Heli-Access-Step™			
USA	SR00915SE	OH-58A/A+/C	Heli-Access-Step™			
	New approvals are continua	ally being added; if you do not see your	required approval, contact your DART sales	office to verify the status.		
PART NUMBER	PRODUCT DESCRIPTION		KIT WEIGHT	INS	STALLATION TIME	
D206-628-011	Heli-Access-Step™ LH 206A/B		7.56 lb / 3.43 kg	2 h	nrs	
D206-628-012	Heli-Access-Step™ RH 206A/B		7.56 lb / 3.43 kg	2 h	nrs	
D206-628-013	Heli-Access-Step™ LH 206A/B		7.83 lb / 3.55 kg	2 h	nrs	
D206-628-014	Heli-Access-Step™ RH 206A/B		7.83 lb / 3.55 kg	2 h	nrs	
D206-628-021	Heli-Access-Step™ LH 206L/L1.	/L3/L4	9.79 lb / 4.44 kg	2 h	nrs	
D206-628-022	Heli-Access-Step™ RH 206L/L1	/L3/L4	9.79 lb / 4.44 kg	2 h	nrs	
D206-628-023	Heli-Access-Step™ LH 206L/L1.	/L3/L4	11.66 lb / 5.29 kg	2 h	nrs	
D206-628-024	Heli-Access-Step™ RH 206L/L1	/L3/L4	11.66 lb / 5.29 kg	2 h	nrs	
D206-628-031	Heli-Access-Step™ LH 407		9.79 lb / 4.44 kg	2 h	nrs	
D206-628-032	Heli-Access-Step™ RH 407		9.79 lb / 4.44 kg	2 h	nrs	
D206-628-033	Heli-Access-Step™ LH 407		11.66 lb / 5.29 kg	2 h	nrs	
D206-628-034	Heli-Access-Step™ RH 407		11.66 lb / 5.29 kg	2 h	nrs	
D058-677-011	Heli-Access-Step™ LH OH-58		7.80 lb / 3.55 kg	2 h	nrs	
D058-677-012	Heli-Access-Step™ RH OH-58		7.80 lb / 3.55 kg	2 h	nrs	
D058-677-013	Heli-Access-Step™ LH OH-58		7.80 lb / 3.55 kg	2 h	nrs	
D058-677-014	Heli-Access-Step™ RH OH-58		7.80 lb / 3.55 kg		nrs	
PART NUMBER	PRODUCT DESCRIPTION		IAL COMMENTS	AIRCRAFT MOD		
D206-628-011	Heli-Access-Step™		LH - High gear. Pip pin option available. Price is per side		\$1,390.00	
D206-628-012	Heli-Access-Step™		RH - High gear. Pip pin option available. Price is per side		\$1,390.00	
D206-628-013	Heli-Access-Step™		option available. OEM & Kwik float compatible rice is per side	206A/B	\$1,390.00	
D206-628-014	Heli-Access-Step™		option available. OEM & Kwik float compatible	206A/B	\$1,390.00	
D206-628-021	Heli-Access-Step™		r. Plp pin option available.	206L/L1/L3/L4	\$1,531.00	
D206-628-022	Heli-Access-Step™		ar. Pip pin option available. Price is per side	206L/L1/L3/L4	\$1,531.00	
D206-628-023	Hell-Access-Step™		atible. Pip pin option available.	206L/L1/L3/L4	\$1,531.00	
D206-628-024	Heli-Access-Step™		patible. Pip pin option available.	206L/L1/L3/L4	\$1,531.00	
D206-628-031	Heli-Access-Step™		ar. Pip pin option available.	407	\$1,531.00	
D206-628-032	Heli-Access-Step™		ar. Pip pin option available.	407	\$1,531.00	
D206-628-033	Heli-Access-Step™		atible. Pip pin option available.	407	\$1,531.00	
D206-628-034	Heli-Access-Step™		patible. Pip pin option available. Price is per side	407	\$1,531.00	
DSI 9235-011	Quick Release Pip Pin Kit		with all D206-628 steps. rice is per step	206A/B/L/L1/L3/L4/	407 Contact Sale	
D058-677-011	Heli-Access-Step™	(outside dia	LH - High gear. Compatible with Aft crosstube p/n 206-052-109-3 (outside diameter 2.25) or equivalent.  Price is per side		\$1,339.00	
D058-677-012	Heli-Access-Step™	RH - High Gear. Compatible (outside diar	le with Aft crosstube p/n 206-052-109-3 meter 2.25) or equivalent. rice is per side	OH-58A/A+/C	\$1,339.00	
D058-677-013	Heli-Access-Step™	LH - High gear. p/n 058-3 (outside dia	Compatible with Aft crosstube 321-102 & 602-058-001 ameter 2.5) or equivalent. Price is per side	OH-58A/A+/C	\$1,339.00	
D058-677-014	Heli-Access-Step™	p/n 058-3	Compatible with Aft crosstube 321-102 & 602-058-001 ameter 2.5) or equivalent.	OH-58A/A+/C	\$1,339.00	



## Heli-Access-Step™ Bell 204/205/210/212/214/412/UH-1

These steps for Bell medium aircraft (204/205/210/212/214/412/UH-1) attach to fuselage hardpoints. They're available in fixed and folding options, as well as for standard and extended height landing gear. They split the height difference between the aircraft floor and the ground.



Low maintenance and approved to be flown deployed or stowed

- Heavy duty / folding / fixed
- Simplex / Isolair Tank compatible / OEM & Apical float compatible
- Compatible on low / high / extended height gear



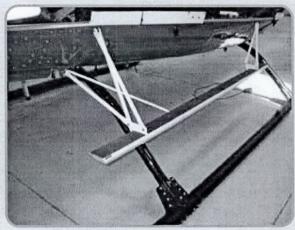


# Heli-Access-Step™ Bell 204/205/210/212/214/412/UH-1

		HELI-ACCESS-S	TEP™	
APPROVAL	STC NUMBER	A/C APPROVED	STC DESCRIPTION	
Canada	SH91-40	204B	Heli-Access-Step™ D204-618	
USA	SR00505NY	204B	Heli-Access-Step™ D204-618	
Canada	SH96-57	205A/205A1/205B/212/214B/ 214B1/412/412CF/ 412EP	Heli-Access-Step™ D205-633	
USA	SR00592NY	214B/214B1	Heli-Access-Step™ D205-633	
USA	SR00593NY	205A/205A1/205B	Heli-Access-Step™ D205-633	
USA	SR00594NY	212/412/412CF/412EP/AB412/AB412EP	Heli-Access-Step™ D205-633	
Germany	RC 1182	205A1/212/214B/214B1/412	Heli-Access-Step™ D205-633	
Canada	SH96-69	205A/205A1/205B/212/214B/ 214B1/412/412CF/ 412EP	Heli-Access-Step™ D412-630	
USA	SR00595NY	205A/205A1/205B	Heli-Access-Step™ D412-630	-
USA	SR00597NY	214B/214B1	Heli-Access-Step™ D412-630	
USA	SR00598NY	212/412/412CF/412EP/AB412/AB412EP	Heli-Access-Step™ D412-630	
Japan	STC-112-1-TYO	212/412/412EP	Heli-Access-Step™ D412-630	
EASA	EASA.IM.R.S.01204	205A/205A1/205B/212/214B/214B1/412/412EP	Heli-Access-Step™ D412-630	
	New approvals are conti	nually being added; if you do not see your required appro	oval, contact your DART sales office to ve	arify the status.
PART NUMBER	PRODUCT DESCRIPT	ON	KIT WEIGHT	INSTALLATIONTIME
D204-618-011	Heli-Access-Step™ high ge	ar	10.60 lb / 4.82 kg	3 hrs
D205-633-011	Heli-Access-Step™ high ge	ar	14.00 lb / 6.35 kg	3 hrs
D205-633-013	Heli-Access-Step™ 31" gea	r Isolair Tank Compatible	14.30 lb / 6.49 kg	3hrs
D205-633-015	Heli-Access-Step ™ 39" gea	r Isolair Tank Compatible	15.00 lb / 6.80 kg	3hrs
D205-633-017	Heli-Access-Step™ low gea	ır	13.70 lb / 6.21 kg	3hrs
D205-633-021	Heli-Access-Step™ LH high	gear, Simplex Tank Compatible	14.00 lb / 6.35 kg	3 hrs
D205-633-022	Heli-Access-Step™ RH hig	n gear, Simplex Tank Compatible	13.20 lb / 6.00 kg	3hrs
D205-633-023	Heli-Access-Step™ LH 31"	gear, Simplex Tank Compatible	14.30 lb / 6.49 kg	3hrs
D205-633-024	Heli-Access-Step™ RH 31"	gear, Simplex Tank Compatible	13.50 lb / 6.14 kg	3hrs
D205-633-025	Heli-Access-Step™ LH 39"	gear, Simplex Tank Compatible	14.60 lb / 6.64 kg	3hrs
D205-633-026	Heli-Access-Step™ RH 39"	gear, Simplex Tank Compatible	13.80 lb / 6.27 kg	3hrs
D412-630-011	Heli-Access-Step™ LH hea	vy duty, folding	16.10 lb / 7.30 kg	3hrs
D412-630-012	Heli-Access-Step™ RH hea	vy duty, folding	16.10 lb / 7.30 kg	3hrs
D412-630-033	Heli-Access-Step™ LH fold	ing	13.50 lb / 6.12 kg	3hrs
D412-630-034	Heli-Access-Step™ RH fold	ing	13.50 lb / 6.12 kg	3hrs
D412-630-111	Heli-Access-Step™ LH, he	avy duty, fixed	14.60 lb / 6.62 kg	3hrs
D412-630-112	Heli-Access-Step™ RH, he	avy duty, fixed	14.60 lb / 6.62 kg	3hrs

See next 2 pages for pricing





D205-633-023





# Heli-Access-Step™

## Bell 205/210/212/214/412/UH-1

187 No. 18 1 17	SECURATION OF SECURITY	CRECIAL COMMENTS	AIRCHAFT WODEL	PROF
D204-618-011	Hell-Access-Step™ (Fits LH or RH)	High gear. Mounts to fuselage STA 74.25 & 123 Price is per side	204	\$2,175.00
D205-633-011	Heli-Access-Step™ (Fits LH or RH)	High gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Price is per side	205/210/212/214/412/UH-1	\$2,175.00
D205-633-013	Heli-Access-Step™ (Fits LH or RH) 31" Extended Height Gear Isolair Tank Compatible	31" extended height gear. Mounts to fuselage at STA 63 & STA 129, Compatible with Isolair Tanks. Rated for 500 lb in flight. Price is per side	205/210/212/214/UH-1	\$2,525.00
D205-633-015	Heli-Access-Step™ (Fits LH or RH) 39" Extended Height Gear Isolair Tank Compatible	39" extended height gear. Mounts to fuselage at STA 63 & STA 129.  Compatible with Isolair Tanks. Rated for 500 lb in flight.  Price is per side	205/210/212/214/UH-1	\$2,525.00
D205-633-017	Heli-Access-Step™ (Fits LH or RH) Low Gear			\$2,195.00
D205-633-021	Heli-Access-Step™ LH High Gear Simplex Tank Compatible	eli-Access-Step™ LH High gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Simplex Model 304 Fire Attack Tank Compatible.		\$3,295.00
D205-633-022	Heli-Access-Step™RH High Gear Simplex Tank Compatible	High gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Simplex Model 304 Fire Attack Tank Compatible.  Price is per side	205/210/212/214/412/UH-1	\$3,295.00
D205-633-023	Heli-Access-Step™ LH 31" Extended Height Gear Simplex Tank Compatible	31" extended height gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Simplex Model 304 Fire Attack Tank Compatible. Price is per side	205/210/212/214/UH-1	\$3,295.00
D205-633-024	Heli-Access-Step™ RH 31" Extended Height Gear Simplex Tank Compatible	31" extended height gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Simplex Model 304 Fire Attack Tank Compatible. Price is per side	205/210/212/214/UH-1	\$3,295.00
D205-633-025	Heli-Access-Slep ™ LH 39" Extended Height Gear Simplex Tank Compatible	39" extended height gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Simplex Model 304 Fire Attack Tank Compatible. Price is per side	205/210/212/214/UH-1	\$3,295.00
D205-633-026	Hell-Access-Step TM RH 39" Extended Height Gear Simplex Tank Compatible	39" extended height gear. Mounts to fuselage at STA 63 & STA 129. Rated for 500 lb in flight. Simplex Model 304 Fire Attack Tank Compatible. Price is per side	205/210/212/214/UH-1	\$3,295.00



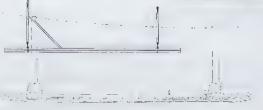
D204-618-011



D205-633-011



D205-633-021/-022 Compatible with Simplex Water Tank



D205-633-021/-022 (standard high gear) D205-633-023/-024 (fits 31" gear) D205-633-025/-026 (fits 39" gear) Compatible with Simplex Tank



D205-633-015 (fits 39" gear) D205-633-013 (fits 31" gear) Compatible with Isolair Tank





# Heli-Access-Step™ Bell 204/205/210/212/214/412/UH-1

rug gallery	```,``\`\`\\`\\	15: - W CVX W ?	V3, 15 Y2 1 U12 V2.	bk. '.
D412-630-011	Heli-Access-Step™ LH Heavy Duty, Folding	Heavy duty, folding. Mounts to fuselage hardpoints at STA 84.29, STA 129.0 & STA 155.06. Installs on Low & High Gear. Price is per side	205/210/212/214/412/UH-1	\$4,894.00
D412-630-012	Heli-Access-Step™RH Heavy Duty, Folding	Heavy duty, folding. Mounts to fuselage hardpoints at STA 84.29, STA 129.0 & STA 155.06. Installs on Low & High Gear.  Pnce is per side	205/210/212/214/412/UH-1	\$4,894.00
D412-630-033	Hell-Access-Step™ LH Folding	Folding. Mounts to fuselage hardpoints at STA 84.29 & STA 155.06. Installs on Low & High Gear. OEM & Apical float compatible. Required equipment for the 614.7601 & 614.7602 Apical Tri-Bag Flotation Systems. (redesign of -023) Price is per side	205/210/212/214/412/UH-1	\$5,439.00
D412-630-034	Heli-Access-Step™RH	Folding. Mounts to fuselage hardpoints at STA 84.29 & STA 155.06. Installs on Low & High Gear. OEM & Apical float compatible. Required equipment for the 614.7601 & 614.7602 Apical Tri-Bag Flotation Systems. (redesign of -024) Price is per side	205/210/212/214/412/UH-1	\$5,439.00
D412-630-111	Heli-Access-Step™ LH Heavy Duty, Fixed	Heavy duty, fixed. Mounts to fuselage hardpoints at STA 84.29, STA 129.0 & STA 155.06. Installs on High Gear. Price is per side	205/210/212/214/412/UH-1	\$5,439.00
D412-630-112	Heli-Access-Step™RH	Heavy duty, fixed. Mounts to fuselage hardpoints at STA 84.29, STA 129.0 & STA 155.06 Installs on High Gear. Price is per side	205/210/212/214/412/UH-1	\$5,439.00



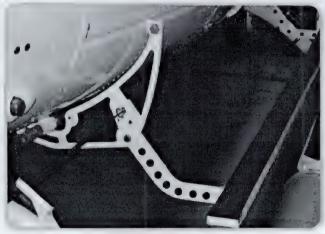
D412-630-011/-012



D412-630-033/-034



D412-630-111/-112



D412-630-033/-034 Float Compatible Step (OEM & Apical)





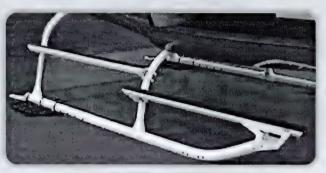
## Heli-Access-Step™

AS 350/AS 355

The *Heli-Access-Steps™* for the Eurocopter AS 350/AS 355 were designed to suit a number of landing gear configurations and operational needs. These steps are available in a variety of lengths and are compatible with the Air Cruiser or the Aerazur flotation systems.

The steps mount on the forward end of the Skidtube with a sheet metal enclosure and/or to the crosstubes using a reliable, lightweight support/clamping system.

These steps are just the ticket for safe, convenient and quick access. Your first step is to order a set.



D350-591-133 and D350-591-214







# Heli-Access-Step™

D350-721-045

D350-721-046

D350-636-101

Maintenance Step

Maintenance Step

Toe Step

## AS 350/AS 355

		Heli-Access-S	tep™		
J ROVAL	STC NUMBER	A C APPROVED	STC DESCRIPTION		
Canada	SH92-6	AS 350B/B1/B2/B3/BA/D/D1/AS 355E/F/F1/F2	Heli-Access-Step™		
USA	SH967NE	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/ F/F1/F2/N	Heli-Access-Step ™		
France	157-S1-0930	AS 350 Series	Heli-Access-Step™		
Germany	RC 1148	AS 350B/B1/B2/B3/BA/AS 355E/F/F1/F2	Heli-Access-Step™		
Japan	STC-88-TYO	AS 350B/B1/B2/B3/BA/AS 355F/F1/F2	Heli-Access-Step™		
Brazil	1999S02-01	AS 350B1/B2/B3/BA	Heli-Access-Step™		
Brazil	1999\$02-02	AS 355F/F1/F2/N	Heli-Access-Step™		
Brazil	1999\$02-03	AS 350B	Heli-Access-Step™		
UK	27937	AS 350 Series	Heli-Access-Step™		
UK	27938	AS 355 Series	Heli-Access-Step™		
Eurocopter	350 A 08 4127	AS 350B2	Heli-Access-Step™		
Canada	SH93-1	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/ F/F1/F2	Maintenance Step		
USA	SR00600NY	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/ F/F1/F2	Maintenance Step		
Canada	SH99-7	AS 350B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2	Toe Step		
USA	SR00646SE	AS 350B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2/N	Toe Step		
UK	28081	AS 350B/B1/B2/B3/BA	Toe Step		
UK	28082	AS 355F/F1/F2/N	Toe Step		
	New approvals are co	ntinually being added; if you do not see your required ap	proval, contact your DART sales office to	verify the status	
THE STATE	PRODUCT DESCRIPT	:ON	KIT WEIGHT	INSTALLATION TIME	
D350-591-311	Heli-Access-Step ™ LH Ion	g step, high gear, Aerazur float compatible	12.00 lb / 5.40 kg	3 hrs	
D350-591-312	Heli-Access-Step™ RH Ior	ng step, high gear, Aerazur float compatible	12.00 lb / 5.40 kg	3 hrs	
D350-591-213	Heli-Access-Step™ LH she	ort step, high gear, Aerazur float compatible	6.30 lb / 2.88 kg	3 hrs	
D350-591-214	Heli-Access-Step™ RH sh	ort step, high gear, Aerazur float compatible	6.30 lb / 2.88 kg	3 hrs	
D350-591-215	Heli-Access-Step™ LH shi	ort step, low gear, Aerazur float compatible	5.90 lb / 2.70 kg	3 hrs	
D350-591-216	Heli-Access-Step™ RH sh	ort step, low gear, Aerazur float compatible	5.90 lb / 2.70 kg	3 hrs	
D350-591-117A	Pre-Flight Step		1.70 lb / 0.77 kg	1 hr	
D350-591-133	Aft Maintenance Step		6.80 lb / 3.07 kg	1 hr	
D350-615-041	GHW Modification Kit		N/A	1 hr	
D350-591-121	Heli-Access-Step™ LH, sh	ort step, high gear, Air Cruiser float compatible	8.00 fb / 3.63 kg	3 hrs	
D350-591-122	Heli-Access-Step ™ RH, st	nort step, high gear, Air Cruiser float compatible	8.00 lb / 3.63 kg	3 hrs	
D350-591-123	Heli-Access-Step™ LH, sh	ort step, low gear, Air Cruiser float compatible	7.00 lb / 3.17 kg	3 hrs	
D350-591-124	Heli-Access-Sten™ RH. st	nort step, low gear, Air Cruiser float compatible	7.00 lb / 3.17 kg	3 hrs	

#### See next page for pricing

0.5 hrs

0.5 hrs

1 hrs



1.00 lb / 0.45 kg

1.00 lb / 0.45 kg

1.00 lb / 0.50 kg





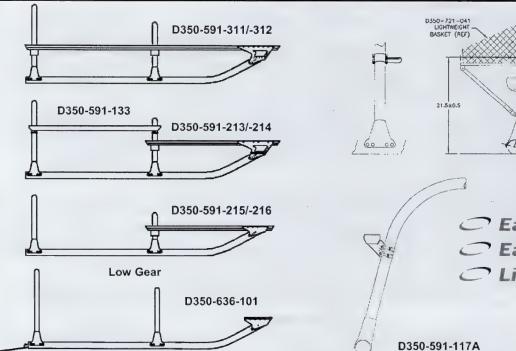
# Heli-Access-Step™

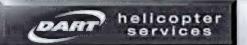
## AS 350/AS 355

D350-721-045 (REF) D350-721-046 (REF) (OPPOSITE - NOT SHOWN)

D350-721-045/-046

Helī-Access-Step™							
41 S 707 3	25(35, 117 ), 3, 1, 2 11 CM	SPECIAL DOMAS NTS	A PRAFT A DEL	F17.17			
D350-591-311	Heli-Access-Step™ LH	Long step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$2,135.00			
D350-591-312	Heli-Access-Step™ RH	Long step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$2,135.00			
D350-591-213	Heli-Access-Step™ LH	Short step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$1,385.00			
D350-591-214	Heli-Access-Step™RH	Short step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$1,385.00			
D350-591-215	Heli-Access-Step™ LH	Short step, low gear. Aerazur float compatible. Price is per side	AS 350	\$1,385.00			
D350-591-216	Heli-Access-Step™ RH	Short step, low gear. Aerazur float compatible. Price is per side	AS 350	\$1,385.00			
D350-591-117A	Pre-Flight Step (Fits LH or RH)	Installs on Aft crosstube. Price is per side	AS 350/AS 355	\$575.00			
D350-591-133	Aft Maintenance Step (Fits LH or RH)	High gear. Price is per side	AS 350/AS 355	\$1,035.00			
D350-615-041	GHW Modification Kit (Fits LH or RH)	For improved ground handling with D350-591-311/-312 steps. One kit modifies one set of ground handling wheels. Price is per side	AS 350/AS 355	\$575.00			
D350-591-121	Heli-Access-Step™ LH	Short step, high gear. Air Cruiser float compatible. Price is per side	AS 350/AS 355	\$1,505.00			
D350-591-122	Hell-Access-Step™ RH	Short step, high gear. Air Cruiser float compatible. Price is per side	AS 350/AS 355	\$1,505.00			
D350-591-123	Heli-Access-Step™ LH	Short step, low gear. Air Cruiser float compatible. Price is per side	AS 350	\$1,505.00			
D350-591-124	Heli-Access-Step™ RH	Short step, low gear. Air Cruiser float compatible. Price is per side	AS 350	\$1,505.00			
D350-721-045	Maintenance Step LH	Install on Aft crosstube. Compatible with D350-721-041/-043 Lightweight Baskets. Pnce is per side	AS 350/AS 355	\$465.00			
D350-721-046	Maintenance Step RH	Install on Aft crosstube. Compatible with D350-721-041/-043 Lightweight Baskets. Price is per side	AS 350/AS 355	\$465.00			
D350-636-101	Toe Step	Mounts to Fwd end of skidtube.  Recommended accessory for installation with Apical Floats.  Compatible with D350-636-011/-012/-013/-014 DART Skidtubes.  Compatible with 20707-100/-200 Apical Steps.  Price is per side	AS 350/AS 355	\$315.00			

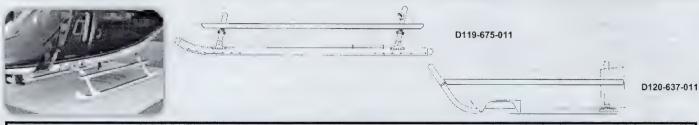






## Heli-Access-Step™

### A119/EC 120



		Heli-Acce	ess-Step™			
	11, 4	N PRONEO	5 WELS AMOUNT			
Canada	LoA SA5010-A329/SA5012-12	Agusta A119	Heli-Access-Step™			
USA	SR00948SE	Agusta A119	Heli-Access-Step™			
Italy	N-CS-021	Agusta A119	Heli-Access-Step™			
	New approvals are continua	lly being added, if you do not see you	r required approval contact your DART.	sales office to verify the s	tatus	
2 11 1 . W1 1 F	Wille book of Charles		KITWEIGHT		INSTALLA	ATION TIME
D119-675-011	Heli-Access-Step™ LH		11.50 lb / 5.20 kg	11.50 lb / 5.20 kg 2 hrs		
D119-675-012	Heli-Access-Step™ RH		11.50 lb / 5.20 kg	11.50 lb / 5.20 kg 2 hrs		
D120-637-011	Heli-Access-Step™ LH		10.00 lb / 4.54 kg	10.00 lb / 4.54 kg 2 hrs		
D120-637-012	Heli-Access-Step™ RH		10.00 lb / 4.54 kg	)	2 hrs	
N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PRODUIT OF A RIPTION	SPI.	HAL COMMENTS	AIRCRAFT	Ÿ౫ <i>™</i>	PRINE
D119-675-011	Heli-Access-Step™ LH	landing	ings to prevent over stressing from gear displacements. Price is per side	A119		\$1,845.00
D119-675-012	Heli-Access-Step™RH	landing	Clamps include bearings to prevent over stressing from landing gear displacements. Pnce is per side			\$1,845.00
D120-637-011	Heli-Access-Step™ LH		I. OEM approved Price is per side	EC 12	0	\$1,845.00
D120-637-012	Heli-Access-Step™RH		H. OEM approved Price is per side	EC 12	0	\$1,845.00

## Step Assembly

## AS 350/AS 355



The Step Assembly is designed to provide aircrew and passenger access to the helicopter cockpit or cabin. The step supplements the OEM skid toe mounted step and includes a non-skid surface. The Step Assembly is constructed of high quality aluminum which has been anodized to protect it against corrosion. The Step Assembly is mounted high enough that it may be used with any Apical float configuration (Tri Bag Emergency Floats, Single Bag Emergency Floats). The Step Assembly contains the following:

- One step assembly
- Attaching brackets
- Attaching hardware



		STEP ASS	<b>EMBLY</b>				
	E transfer	LC AMING VED	-111-1	L SUMP LOSS			
USA	SR01156LA	AS 350B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2/N	1 ,				
Canada	P-04-0194	AS 350B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2/N					
	New approvals are continually t	peing added, if you do not see your requi	red approval, con	tact your DART sales o	ffice to verify the status.		
, , , ,	MARCHET C. C. T. MINE			KIT WEIGHT	INST	TALLATION TIME	
20707-100 LH -200 RH	Step Assembly			23.00 lb / 10.45 kg	20 hr	S	
PART NUMBER	PRODUCT DESCRIPTION	47.1.177	CONTENTS		ARCPART MODE	L PEU,F	
20707-100	Step Assembly LH	Kit Includes step attac	hing brackets an	d hardware	AS 350/AS 355	\$3,680.00	
20707-200	Step Assembly RH	Kit includes step attact	hing brackets and	l hardware	AS 350/AS 355	\$3,680.00	

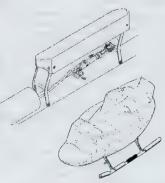




# **Step - Electric Step Replacement Pneumatic Actuator**

## **Bell 412**



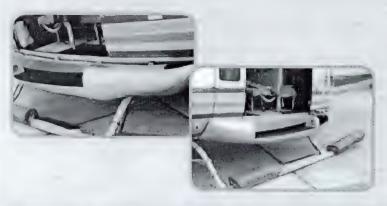


The Step Actuator Release System replaces electrical linear step actuators with pneumatic actuators. This modification is designed to permit the passenger steps to remain in the extended position at all times with the exception of any actual float inflation. During float inflation, nitrogen released from the storage bottle will cause the actuators to retract and allow the passenger steps to free fall or be forced down by the inflating bag.

	ELECTRIC ST	TEP REPLACEM	<b>ENT PNEUMATIC</b>	ACTUATOR			
L MACKIAL	STON MELR	A J APPROVED	STC DESCRIPTION				
USA	SR09400RC	412/412EP	412EP Step Actuator Release System				
	New approvals are continu	ally being added, if you do not see you	ir required approval, contact your DART sa	ies office to venty the status			
"AK! NUMHER	EBORACTOR STREET (N		KITWEIGHT	INST	TALL ATION TIVE		
41232-1000	Step Actuator		4.00 lb / 1.82 kg	5 hrs			
0 1/4 1/2 1/2	MOLTEN STEEL START	SPEC	DIAL CONVENTS	A POPART MODE	po ;c		
41232-1000	Step Actuator		Ircraft. Price is per pair, LH & RH per aircraft, both sides	412/412EP	\$3,995.00		

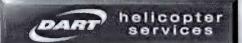
## **Step - Extended Passenger**

## **Bell 412**



The Extended Passenger Step is identical in profile and appearance to the External Auxiliary Fuel System, with the obvious exception that the step portion is lengthened to provide greater step area. Aft of the step is a small items storage locker and available area for mounting side-facing flood lights to illuminate the area surrounding the aircraft for such tasks as emergency medical evacuation scene work.

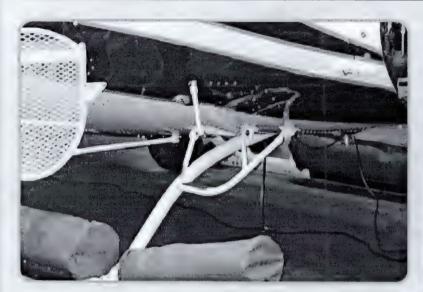
		EXTENDED P	ASSENGER STEP		000			
APPROVAL	STC NUMBER	A/C APPROVED	STC DESCRIPTION	STC DESCRIPTION				
USA	SH7929SW	412	Extended Passenger Step	Extended Passenger Step				
	New approvals are confi	nually being added, if you do not see ;	your required approval, contact your DART sales	office to verify the status				
24"2 St. 1648 F.M.	PRODUCT D. NCR.PT	1()N	KIT WEICH?	KIT WEICHT INST.				
41252-100-001-001	Extended Passenger Step		164.00 lb / 74.55 kg	8 hrs	8 hrs			
· · · · · · · · · · · · · · · · · · ·	Propries and State	11,51	SPECIAL COMMENTS		pojer			
41252-100-001-001	Extended Passenger Step	mou	Aft portion of step is storage locker, available area for mounting side facing flood lights Price is per aircraft, both sides		\$49,995.00			





# Step - Pilot/Co-Pilot Folding Step

# Bell 205/210/212/214/412/UH-1

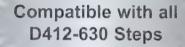


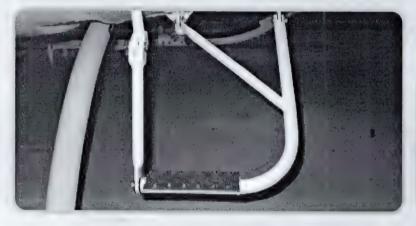
No longer do you have to decide what's the best way to get into the aircraft without pulling a muscle.

Getting in and out of a medium Bell aircraft has

Getting in and out of a medium Bell aircraft has always been a stretch for pilots and co-pilots. The new Pilot / Co-Pilot Folding Step eases crew access to the aircraft without compromising long lining capability or interfering with float systems.



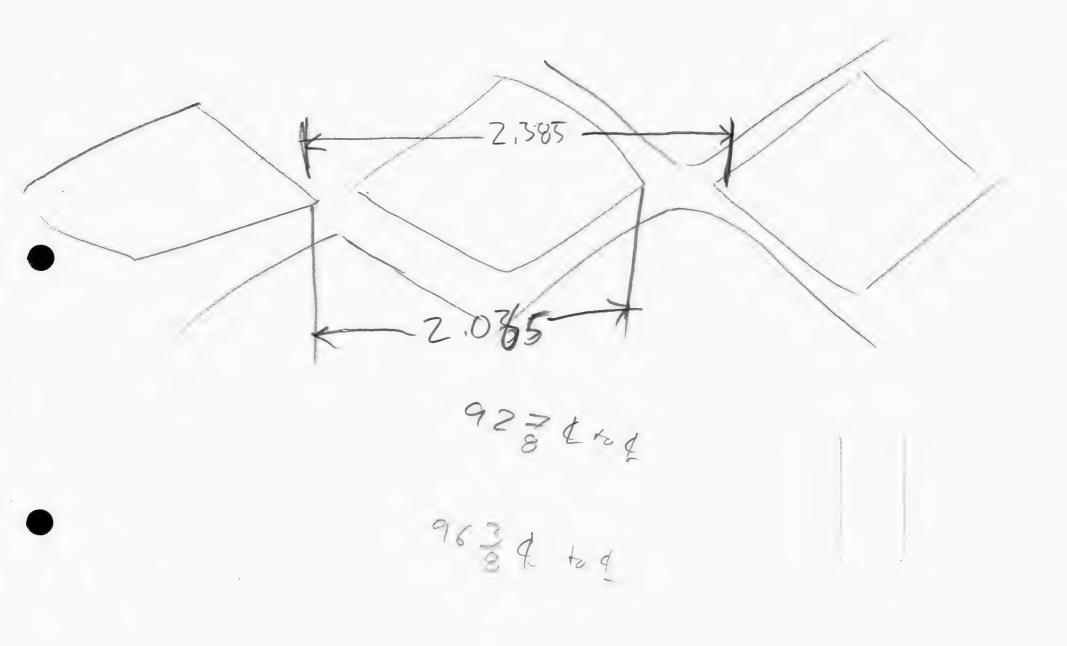


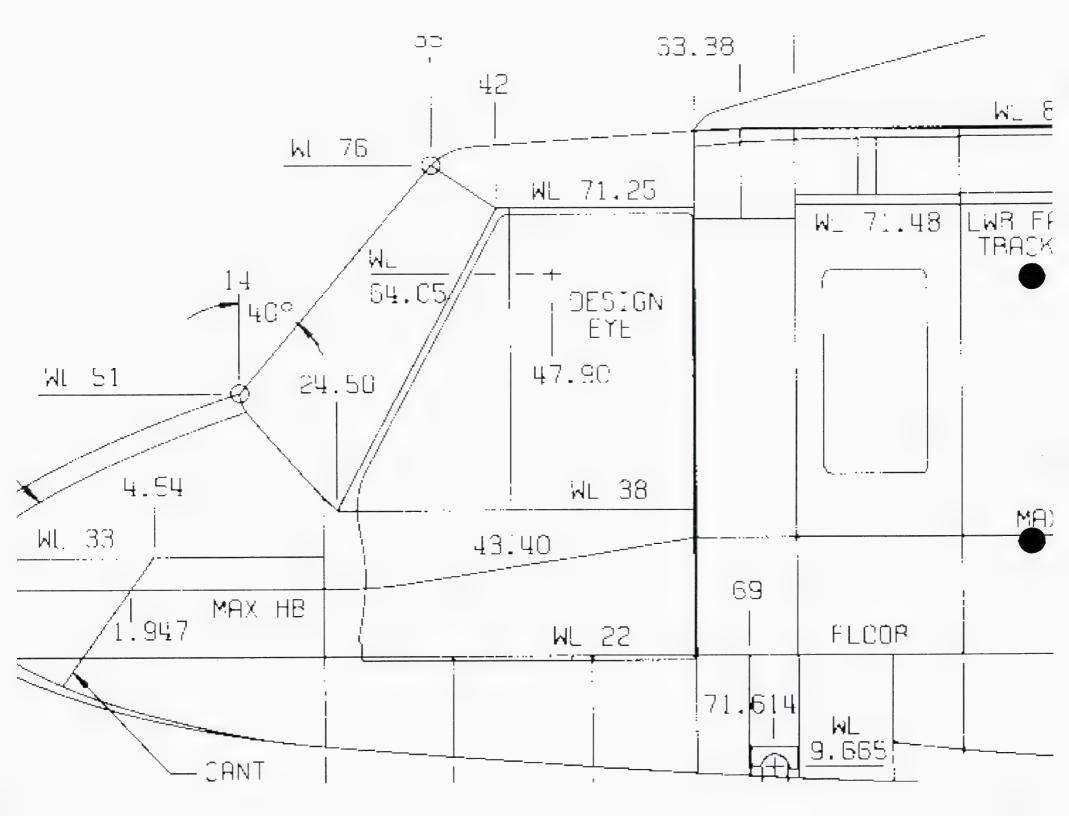




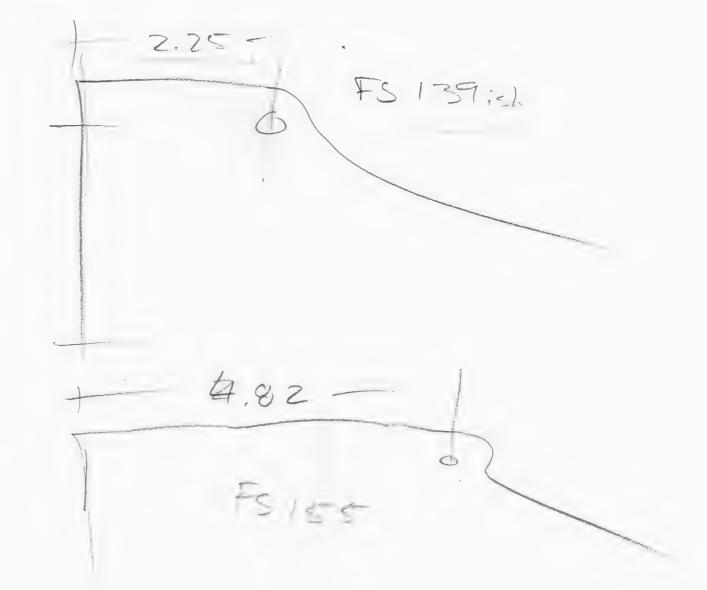
		PILO	T/CO-PILOT F	OLDING STE	P				
1: TTVAL	STON METR	A U APPRUVLE		STC DESCRIPTION					
Canada	SH96-69	205A/205A1/205B/212/214I	B/214B1/412/412CF/ 412EP	Pilot/Co-Pilot Folding Ste	p				
USA	SR00597NY	214B/214B1		Pilot/Co-Pilot Folding Step					
USA	SR00595NY	205A/205A1/205B		Pilot/Co-Pilot Folding Step					
USA	\$R00598NY	212/412/412CF/412EP/AB4	112/AB412EP	Pilot/Co-Pilot Folding Step					
Japan	STC-112-1-TYO	212/412/412EP		Pilot/Co-Pilot Folding Ste					
EASA	EASA.IM.R.S.01204	205A/205A1/205B/212/214	B/214B1/412/412EP	Pilot/Co-Pilot Folding Step					
	New app	rovals are continually being ad	lded; if you do not see your requ	ired approval, contact your DART	sales office to verify the	status.			
N. N. 14	R PR ADDC	2 PR ADDITIONS				INSTALLATION TIME			
D412-630-031	Pilot/Co-Pilot	Folding Step LH		7.00 lb / 3.17 kg		4 hrs			
D412-630-032	Pilot/Co-Pilot	Folding Step RH		7.00 lb / 3.17 kg	.00 lb / 3.17 kg 4 hrs				
(-1-) N-3-1	112021	t c	1A10 48	COMIN 216 V GOVER WOODER		\$6(115£1	butat		
D412-630-031	Pilot / Co-Pil	ot Folding Step LH		nstalls at STA 63 & 53.5. 205/210/212/214/412/UH-1 h all D412-630 Steps.		14/412/UH-1	\$1,695.00		
D412-630-032 Pilot / Co-Pilot Folding Step RH		t Folding Step RH	Float compatible, installs at STA 63 & 53.5. Compatible with all D412-630 Steps.		205/210/212/2	14/412/UH-1	\$1,695.00		

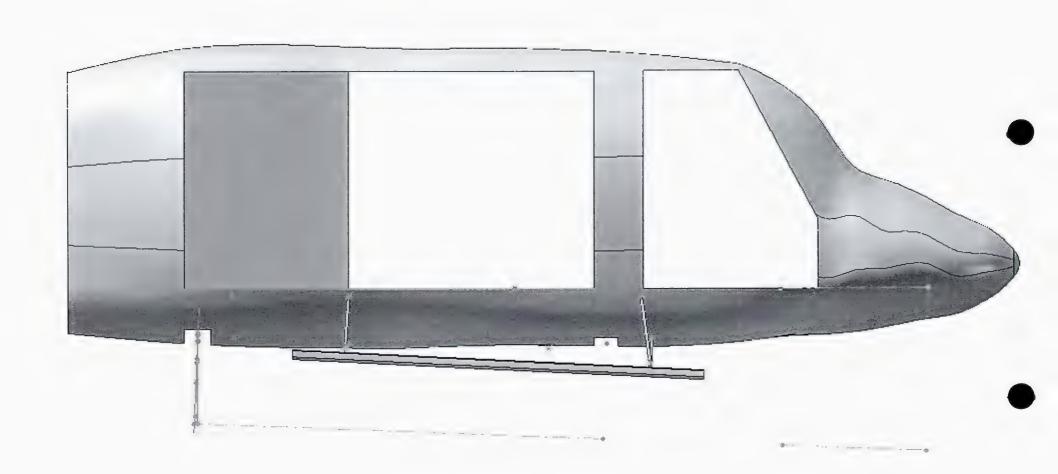




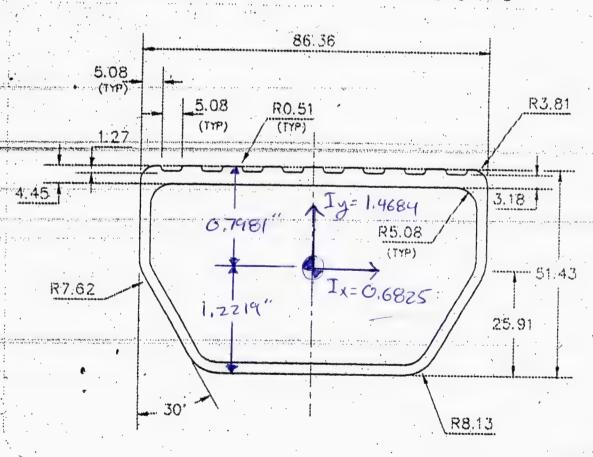


Fuel 75115-01 Aft 75181-01





# EXPOSED ALL AROUND



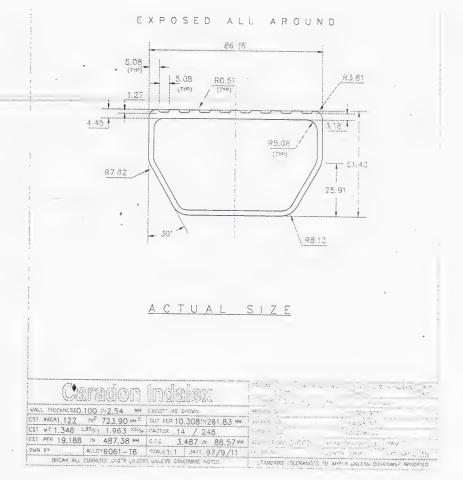
# **Alloy and Temper Designations**

Alloy Ter	Temper	Specified Section or wall thickness (Inches)	Tensile Strength, (ksi)		Yield Strength (0.2 % offset) ksi		Elongation % in 2 in.	Webster Readings
			Min	Max	Min	Max	Min	
6060	T51	up through 0.125	22.0	***	16.0		8	9 - 12
0000	101	up through 1.000	22.0	30.0	16.0	25.0	8	9 - 12
6060	T61	up through .124	30.0		25.0		8	11 - 13
0000	101	0.125 - 1.000	30.0		25.0		10	11 - 13
6063	F	All	30.0	19.0			18	0 - 2
0003	Will Naturally Age	7.11						
6063	T1	up through 0.500	17.0		9.0		12	2 - 3
0005	Will Naturally Age	0.501 - 1.000	16.0		8.0		12	2 - 3
6063	T4	up through 0.500	19.0		10.0		14	2 - 5
0005	Will Naturally Age	0.501 -1.000	18.0		9.0		14	2 - 4
6063	T5	up through 0.500	22.0		16.0		8	9 - 12
0005	13	0.501 - 1.000	21.0		15.0		8	9 - 12
6063	T52	up through 1.000	22.0	30.0	16.0	25.0	8	7 - 8
0005	132	up mougn 1.000	22.0	00.0				
6063	T6	up through 0.124	30.0		25.0		8	11 - 13
0000	.0	0.135 - 1.000	30.0		25.0		10	11 - 13
6063	* T5 511	up through 0.500	22.0		16.0		9	9 - 12
0003	15511	0.501 - 1.000	21.0		15.0		9	9 - 12
6609	F	All	21.0	19.0			18	0 - 2
(6063)	Will Naturally Age	7 111		17.0				
6609	T1	up through 0.500	17.0		9.0		12	2 - 3
(6063)	Will Naturally Age	0.501 - 1.000	16.0		8.0		12	2 - 3
6609	T4	up through 0.500	19.0		10.0		14	2 - 5
(6063)	Will Naturally Age	0.501 -1.000	18.0		9.0		14	2-4
6609	T5	up through 0.500	22.0		16.0		11	9 - 12
(6063)	13	0.501 - 1.000	21.0		15.0		11	9 - 12
6609	Т6	up through 0.124	30.0		25.0		9	11 - 13
(6063)	10	0.135 - 1.000	30.0		25.0		10	11 - 13
6608	T54	up through .500	33.0		30.0		8	13 - 15
(6063)	134	0.501 - 1.000	33.0		30.0		10	13 - 15
6005A	T1	up throught .250	25.0		14.0		15	1 - 7
0003A	Will Naturally Age	up tinought .250	23.0		14.0		15	' '
6005A	T4	up through .250	25.0		15.0		16	1 - 7
000574	Will Naturally Age	up till ough .230	25.0		13.0			
6005A	T5	up through .250	38.0		31.0		7	13 - 16
000574	1.5	up tinough .230	30.0		31.0		,	10
6005A	T61	up through .250	38.0		35.0		8	15 - 16
000071	101	up illiough .200	00.0					
6061	F	All		22.0		16.0	16	0 - 5
	Will Naturally Age							
6061	T1	up through 0.625	26.0		14.0	0.00	16	1 - 7
	Will Naturally Age							
6061	T4 / T4 511	All	26.0		16.0		16	1 - 7
6061	T5	up through 0.625	35.0		30.0		8	13 - 16
6061	T6 / T6 511	up through 0.249	38.0		35.0		8	15 - 17
		0.250 and over	38.0		35.0		10	15 - 17
6351	Tl	up through 0.499	26.0		13.0		15	1 - 7
6351	T4	up through 0.749	32.0		19.0		16	1 - 7
6351	T5	up through .249	38.0		35.0		8	13 - 10
		0.250 and over	38.0		35.0		10	15 - 11
6351	T6	up through .124	42.0		37.0		8	15 - 17
		0.125 - 0.749	42.0		37.0		10	15 - 17

Note:  $T_511$  - Stress Relieved Temper ( 1 to 3 % Permanent Set )

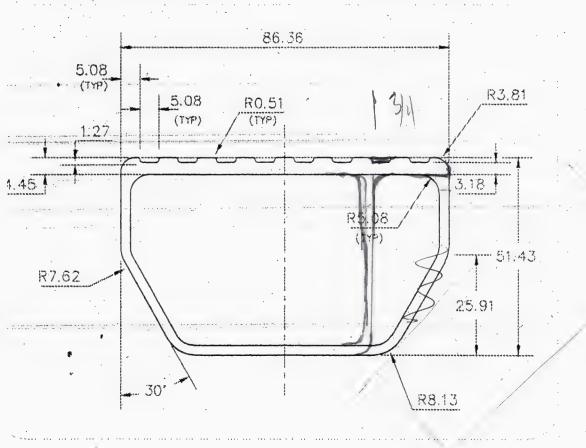
The "511" gives the directive to use "Minimum Stretch"

Applies to extruded rod, bar, shapes, and tubes when stretched the indicated amounts after solution heat treatment or after cooling from an elevated temperature shape process. These products may receive minor straightening after stretching to comply with standard tolerances



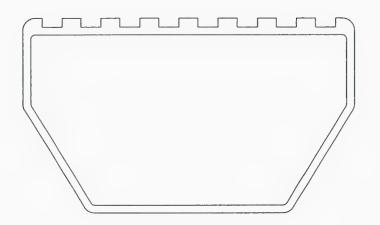
F= 217-316 wt/pers Ix = 0.55 c= 1.23 0.55 × 133 = . 36.564 psi 0.55 Bob Zeltry 2726 17809989853 Gatenas Adrition.

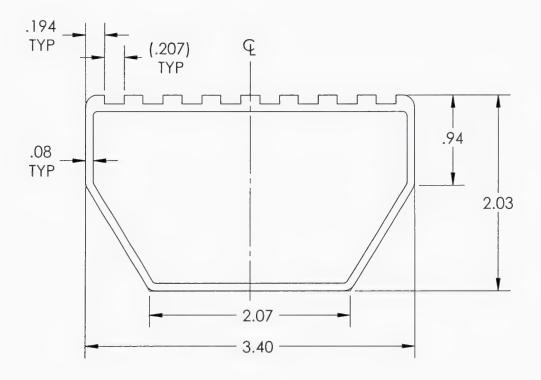
# EXPOSED ALL AROUND

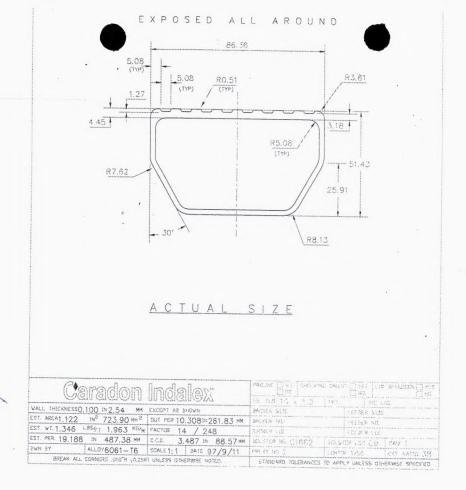


## ACTUAL SIZE

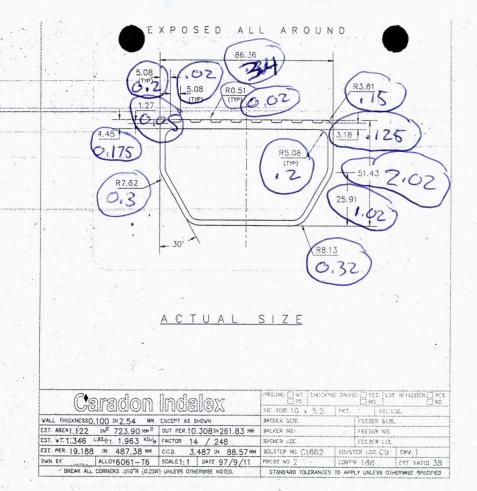
readom	Indalex	PROMO DI VIL CHOOPS		967 TOP	REFERENCE TO YES
		PHD SCZEL 10 x 5.5	FRT.	9111 (1	H.
00 M 2.54 MM	EXCEPT AS SHOWN	BATRER SIZE.		FEEDER SIZE.	
IN2 723,90 MM 2	OUT PER 10.308 N 261.83 MM	8ACKER RESTAR	-	PREPAR NO.	,
BS年1. 1,963 KB/M	FACTER .14 / 248	HAGKER LIK		FERBER LEE.	
IN 487,38 MM	C.C.D. 3.487 IN 88.57 MM	BOLSTER NO. 01662	B0957	er udd. 09	CAY.
ALLDY6061-T6	SCALE1:1 DATE 97/9/11	PRESS NO 2 1 4	CONTY	188	eve eatho 38
CORNERS .010"R (0.25R	) UNLESS OTHERWISE NOTED.	STANDARD TOLERANCES	TO APP	LY UNLESS OTH	ERWISE SPECIFIED







6805 A 161 MIST BANS-8 HRS. MILL FINISH.



1.15

FWD 1924 4 2.0707 3.40

